

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371**

ATTORNEY'S DOCKET NUMBER

UNMC.63131US

U.S. APPLICATION NO. (If known, see 37 CFR 1.5  
not yet assignedINTERNATIONAL APPLICATION NO.  
PCT/US00/01599INTERNATIONAL FILING DATE  
21 January 2000PRIORITY DATE CLAIMED  
21 January 1999

TITLE OF INVENTION THERAPEUTIC AND DIAGNOSTIC APPLICATIONS OF PROSTATIC ACID PHOSPHATASE IN PROSTATE CANCER

APPLICANT(S) FOR DO/EO/US

LIN, Ming-Fong

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1.  This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2.  This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3.  This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4.  The US has been elected by the expiration of 19 months from the priority date (Article 31).
5.  A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a.  is attached hereto (required only if not communicated by the International Bureau).
  - b.  has been communicated by the International Bureau.
  - c.  is not required, as the application was filed in the United States Receiving Office (RO/US).
6.  An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))
  - a.  is attached hereto.
  - b.  has been previously submitted under 35 U.S.C. 154(d)(4).
7.  Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a.  are attached hereto (required only if not communicated by the International Bureau).
  - b.  have been communicated by the International Bureau.
  - c.  have not been made; however, the time limit for making such amendments has NOT expired.
  - d.  have not been made and will not be made.
8.  An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9.  An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10.  An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

**Items 11 to 20 below concern document(s) or information included:**

11.  An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12.  An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13.  A **FIRST** preliminary amendment.
14.  A **SECOND** or **SUBSEQUENT** preliminary amendment.
15.  A substitute specification.
16.  A change of power of attorney and/or address letter.
17.  A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.
18.  A second copy of the published international application under 35 U.S.C. 154(d)(4).
19.  A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20.  Other items or information:  
Copy of Form PCT/IB/308  
Certificate of Express Mailing

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)  
not yet assigned

INTERNATIONAL APPLICATION NO.  
PCT/US00/C1599

ATTORNEY'S DOCKET NUMBER  
UNMC.63131US

CALCULATIONS PTO USE ONLY

21.  The following fees are submitted:

BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):

Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO ..... \$1000.00

International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO ..... \$860.00

International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... \$710.00

International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... \$690.00

International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) ..... \$100.00

ENTER APPROPRIATE BASIC FEE AMOUNT =

\$ 690.00

Surcharge of \$130.00 for furnishing the oath or declaration later than  20  30 months from the earliest claimed priority date (37 CFR 1.492(e)).

\$ 0

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$
Total claims	35 - 20 =	15	x \$18.00	\$ 270.00
Independent claims	6 - 3 =	3	x \$80.00	\$ 240.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$270.00	\$ 0

TOTAL OF ABOVE CALCULATIONS = \$ 1200.00

Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.

SUBTOTAL = \$ 600.00

Processing fee of \$130.00 for furnishing the English translation later than  20  30 months from the earliest claimed priority date (37 CFR 1.492(f)).

\$ 0

TOTAL NATIONAL FEE = \$ 600.00

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +

\$ 0

TOTAL FEES ENCLOSED = \$ 600.00

Amount to be refunded: \$

charged: \$

- a.  A check in the amount of \$ 600.00 to cover the above fees is enclosed.
- b.  Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fees. A duplicate copy of this sheet is enclosed.
- c.  The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 04-1406. A duplicate copy of this sheet is enclosed.
- d.  Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

Kathleen D. Rigaut, Ph.D., J.D.  
DANN, DORFMAN, HERRELL AND SKILLMAN  
1601 Market Street, Suite 720  
Philadelphia, Pennsylvania 19103  
United States of America

SIGNATURE

Patrick J. Hagan

NAME

27,643

REGISTRATION NUMBER



## UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents, Box PCT  
United States Patent and Trademark Office  
Washington, D.C. 20231  
[www.uspto.gov](http://www.uspto.gov)

U.S. APPLICATION NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
09/889630	LIN	M UNMC.63131US
KATHLEEN D RIGAUT DAN DORFMAN HERRELL AND SKILLMAN 1601 MARKET STREET SUITE 720 PHILADELPHIA, PA 19103		INTERNATIONAL APPLICATION NO.
		PCT/US00/01599
PATENTS & TRADEMARKS OFFICE		I.A. FILING DATE      PRIORITY DATE
		21 JAN 00      21 JAN 99



DATE MAILED: 21 AUG 2001

NOTIFICATION OF ACCEPTANCE OF APPLICATION UNDER 35 U.S.C. 371  
AND 37 CFR 1.494 OR 1.495

1. The applicant is hereby advised that the United States Patent and Trademark Office in its capacity as  a Designated Office (37 CFR 1.494),  an Elected Office (37 CFR 1.495), has determined that the above-identified international application has met the requirements of 35 U.S.C. 371, and is **ACCEPTED** for national patentability examination in the United States Patent and Trademark Office.

2. The United States Application Number assigned to the application is shown above and the relevant dates are:

19 JUL 01

19 JUL 01

DATE OF RECEIPT OF  
35 U.S.C. 371(c)(1), (c)(2) and (c)(4) REQUIREMENTSDATE OF RECEIPT OF ALL  
35 U.S.C. 371 REQUIREMENTS

A Filing Receipt (PTO-103X) will be issued for the present application in due course. **THE DATE APPEARING ON THE FILING RECEIPT AS THE "FILING DATE" IS THE DATE ON WHICH THE LAST OF THE 35 U.S.C. 371 REQUIREMENTS HAS BEEN RECEIVED IN THE OFFICE. THIS DATE IS SHOWN ABOVE.** *The filing date of the above-identified application is the international filing date of the international application (Article 11(3) and 35 U.S.C. 363). Once the Filing Receipt has been received, send all correspondence to the Group Art Unit designated thereon.*

3.  A request for immediate examination under 35 U.S.C. 371(f) was received on 19 JUL 01 and the application will be examined in turn.

4. The following items have been received:

U.S. Basic National Fee.  
 Copy of the international application.  
 Translation of the international application into English.  
 Oath or Declaration of inventors(s).  
 Copy of Article 19 amendments.  Translation of Article 19 amendments into English.  
The Article 19 amendments  have  not been entered.

The International Preliminary Examination Report in English and its Annexes, if any.  
 Copy of the Annexes to the International Preliminary Examination Report (IPER).  
 Translation of Annexes to the IPER into English.

The Annexes  have  not been entered.

Preliminary amendment(s) filed \_\_\_\_\_ and \_\_\_\_\_  
 Information Disclosure Statement(s) filed \_\_\_\_\_ and \_\_\_\_\_  
 Assignment document.  
 Power of Attorney and/or Change of Address.  
 Substitute specification filed \_\_\_\_\_  
 Indication of Small Entity Status.  
 Priority Document.  
 Copy of the International Search Report  and copies of the references cited therein.  
 Other:

Applicant is reminded that any communication to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5).

Tamala D. Holland *DH*

Telephone: 703-305-5483



UNITED STATES PATENT AND TRADEMARK OFFICE



COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
[www.uspto.gov](http://www.uspto.gov)

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY.DOCKET.NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/889,630	07/19/2001	1642	600	UNMC.63131US	19	35	6

CONFIRMATION NO. 7143

000110  
DANN DORFMAN HERRELL & SKILLMAN  
SUITE 720  
1601 MARKET STREET  
PHILADELPHIA, PA 19103-2307

FILING RECEIPT



\*OC000000006492859\*



Date Mailed: 08/29/2001

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

**Applicant(s)**

Ming-Fong Lin, Omaha, NE;

**Domestic Priority data as claimed by applicant**

THIS APPLICATION IS A 371 OF PCT/US00/01599 01/21/2000  
WHICH CLAIMS BENEFIT OF 60/116,551 01/21/1999

**Foreign Applications**

Projected Publication Date: N/A

Non-Publication Request: No

Early Publication Request: No

**\*\* SMALL ENTITY \*\***

**Title**

Therapeutic and diagnostic applications of prostatic acid phosphatase in prostate cancer

**Preliminary Class**



# DANN DORFMAN HERRELL AND SKILLMAN

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June 29, 2006

First Named Inventor:

Ming-Fong Lin

**MAIL STOP ISSUE FEE**

Application No. 09/889,630

**Allowed:** April 4, 2006

Attorney Docket No. UNMC.63131US

Filed: July 19, 2001

For: THERAPEUTIC AND DIAGNOSTIC  
APPLICATIONS OF PROSTATIC  
ACID PHOSPHATASE IN  
PROSTATE CANCER

TO THE COMMISSIONER FOR PATENTS:

### SUBMISSION OF ISSUE FEE

The above-identified application has been allowed. In response to the Notice of Allowability dated April 4, 2006, enclosed are the following:

1. Form PTOL-85B (in duplicate);
2. Notification of Fee Address;
3. Copies of Forms PTO 1390, PCT/DO/EO/903, and the Official Filing Receipt, evidencing that the application is entitled to Small Entity Status;
4. Fee Transmittal Sheet (in duplicate); and
5. Check in the amount of \$730.00, which includes the issue fee and the cost of ten (10) advance copies.

Respectfully submitted,  
DANN, DORFMAN, HERRELL AND SKILLMAN  
A Professional Corporation

By

A handwritten signature in black ink, appearing to read "Robert C. Netter Jr." followed by a stylized surname.

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